

465708120270500 CARIBOU CREEK AT S. FERGUSON ROAD, NEAR ELLENSBURG, WA

WATER-QUALITY RECORDS

LOCATION.--Lat 46°57'09", long 120°27'05", in NW¹/4NW¹/4, sec.22, T.17 N., R.19 E., Kittitas County, Hydrologic Unit 17030001, downstream of S. Ferguson Road, 4 mi southeast of Ellensburg.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--July to August 2003 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Date | Time | Turbidity white light, det ang 90+/-30 degrees | Baro- metric pres- sure, mm Hg | Dis- solved oxygen, mg/L | Dis- solved oxygen, percent of sat- uration | pH, water, unfltrd field, std units | Specif. conduc- tance, wat unf uS/cm | Temper- ature, air, deg C | Temper- ature, water, deg C | Alka- linity, wat flt inc tit field, mg/L as CaCO ₃ | Bicar- bonate, wat flt incr., titr., field, mg/L | Carbo- nate, wat flt incr., titr., field, mg/L |
|-----------|------|---|--|-----------------------------------|--|--|--|------------------------------------|--------------------------------------|--|--|--|
| | | (00061) | (63675) | (00025) | (00300) | (00301) | (00400) | (00095) | (00020) | (39086) | (00453) | (00452) |
| JUL 22... | 1000 | -- | -- | 724 | 8.8 | 95 | 7.9 | 369 | 26.0 | 16.6 | -- | -- |
| AUG 11... | 1620 | 29 | 8.2 | 725 | 8.7 | 100 | 8.0 | 290 | 25.5 | 19.2 | 127 | 154 |
| 14... | 1500 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 14... | 1520 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Date | Ammonia + org-N, water, unfltrd mg/L as N (00625) | Ammonia water, unfltrd, fltrd, mg/L as N (00608) | Nitrite nitrate water, fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Partic- ulate nitro- gen, susp, water, mg/L (49570) | Ortho- phosphate, water, fltrd, mg/L as P (00671) | Phos- phorus, water, unfltrd mg/L (00665) | Total nitro- gen, water, unfltrd mg/L (00600) | Total carbon, suspnd sediment total, mg/L (00694) | Inor- ganic carbon, suspnd sediment total, mg/L (00688) | Organic carbon, suspnd sediment total, mg/L (00689) | Biomass peri- phyton, ashfree drymass g/m ² (49954) | |
|-----------|--|--|---|--|--|---|--|---|---|--|---|--|---------|
| | (00625) | (00608) | (00631) | (00613) | (49570) | (00671) | (00665) | (00600) | (00694) | (00688) | (00689) | (00681) | (00681) |
| JUL 22... | 1.9 | .50 | 3.78 | .136 | -- | .22 | .29 | 5.7 | -- | -- | -- | -- | -- |
| AUG 11... | .84 | <.04 | .95 | .011 | .16 | .12 | .20 | 1.8 | 1.4 | <.1 | 1.4 | 6.1 | -- |
| 14... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11.9 |
| 14... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Date | Biomass peri- phyton, ashfree dry wt, DTH, g/m ² (63766) | Biomass peri- phyton, ash weight, DTH, g/m ² (63765) | Peri- phyton biomass | Biomass peri- phyton, dry weight, DTH, g/m ² (63767) | Peri- phyton biomass | Chloro- phyll a peri- phyton, DTH, CF meth mg/m ² (63763) | Pheo- phytin a peri- phyton, DTH, CF meth mg/m ² (63764) | Pheo- phytin a, peri- phyton, mg/m ² (62359) | Pheo- phytin a, phyto- plank- ton, ug/L (62360) | Chloro- phyll a peri- phyton, chromo- fluoro, mg/m ² (70957) | Chloro- phyll a peri- phyton, fluoro, ug/L (70953) | Sus- pended sediment concen- tration mg/L (80154) | Sus- pended sediment dis- charge, tons/d (80155) |
|-----------|--|--|----------------------------|--|----------------------------|---|--|--|---|--|--|---|--|
| | (63766) | (63765) | (00572) | (63767) | (00573) | (63763) | (63764) | (62359) | (62360) | (70957) | (70953) | (80154) | (80155) |
| JUL 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AUG 11... | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4.2 | -- | 1.7 | 41 |
| 14... | -- | -- | 290 | -- | 306.4 | -- | -- | E10 | -- | E32.8 | -- | -- | -- |
| 14... | 21.7 | 612 | -- | 634 | -- | E3.3 | E7.5 | -- | -- | -- | -- | -- | -- |